

## **A B S T R A C T**

### **DEVICE FOR REGULATING THE TEMPERATURE OF A HEATING WIRE WITH FEW EMITTED DISTURBANCES**

The invention relates to a device for regulating the temperature of a heating wire (RH) powered by a DC voltage. The invention has a particular, but not exclusive, utility in the de-icing of aerodynamic probes used in aeronautics.

The device comprises an electronic switch (SW) connected in series with the heating wire (RH) and means for controlling the electronic switch (SW). The device also comprises means (4) for controlling a switching time of the electronic switch (SW).

FIGURE 1